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642-550

Reel # 62

Effectiveness of the Sulphuric Acid-Mechanical
Method of Delinting Seed Against Gummosis, by A. A.
Babayan, K. A. Karapetian, 3 pp.

RUSSIAN, 10 times yr per, Dok Akad Nauk Armanakoi
SSR, Vol VII, No 10, Oct 1954, pp 57-64.

SLA Tr R-122

Ses - Biol
Apr 1957

46,230 Jan 1957

(FDD 25932)

Nonsimultaneous Shifts in the Coagulation of Blood
During Conditioned-Reflex Excitation and Inhibition,
by K. G. Karagezyan, 10 pp.

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Vol XX, No 1, Yerevan, Jan 1955, pp 27-32.

CIA/FDD/U-7689

USSR

Sci - Medicine, hematology

31,605

Jan 56 CTS

On Increasing the Sensitivity of Radio Telescopes, by
G. M. Tovmasyan.

RUSSIAN, per, Dok Ak Nauk Armen. SSSR, Vol XXV,
No 3, 1957, pp 107-116.

MIT Lincoln Lab

Sci - Electron

Apr 58

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Centralized Disinfection of Cotton Seed in Armenia
and Tests of Some New Disinfectants, by A. A.
Babayan, K. A. Karapetian, 3 pp.

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SSR, Vol VII, No 5, pp 15-25.

SLA Tr R-121

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Bending of a Prismatic Beam Under Conditions of
Non-Stationary Creep, by U. Zhui-Fyn, 14 pp.

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No 3, 1960, pp 139-149. 9683114

DDC RSIC-4

Sci - Phys
Jun 63

The Rate of Movement of River-Bed Silts, by
I. V. Eghiazarov, 6 pp.

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SSR, Vol XI, No 4, 1950, pp 119-122.

Sci Mus Lib Tr 56/3779

Sci - Physics
May 57 CTS/dex

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Localization of Larvae of *Mullerius Capillaris*,
Cystocaulus Nigrescens, and *Synthetocaulus* spp.
in Mollusks and Mechanism of Their Escape From
the Feet of the Latter, by E. A. Davtian.
RUSSIAN, per, Dokl. Akad. Nauk Armianskoy SSR,
Vol 6, No 1, 1947, pp 23-26.
HEW NIH 5-3-66

Sci/B&M
Jun 66

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S-2716

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No 4, 1953, pp 103-107.

(FDD 27583)

Research in the Synthesis of Derivatives of
p-Alkoxybenzoic Acids. Report I. Methyl-
Dimethylamine Propyl Ethers of p-Alkoxybenzoic
Acids and Their Quaternary Salts, by A. I.
Mnizhoyan, V. G. Afrikyan, A. A. Dokhikyan, A. M.
Oganesyan, 7 pp.

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~~SSR~~, Vol XVIII, No 1, Yerevan, 1954, pp 7-10

S.L.A. R-311
CIA/FDD U-8319

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Sci - Chemistry

May 56

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G. A. Yerzhkanyan, 5 pp.

~~RUSSIAN.~~

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ATIC MCL-236/III

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Dec 60

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Migration of Carbohydrates From the Wood
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(103-60-21076
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Blocks). 9p. 3refs. CNRS-XV 72.
Order from OIS, ETC or CNRS \$1.10 TT-62-28203

Trans. in French of Akademiya Nauk Armyanskoi SSR
Erevan, Doklady, 1957, 17, 24, 198, 5, p. 193-199.

DESCRIPTORS: Concrete, Heating, Cooling, Pressure,
Stresses, Theory.

(Materials, TT, v. 11, no. 8)

TT-62-28203

I. Zadovyan, M.A.
II. CNRS-XV 72
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translation Centre

Ambartsumyan, V. A. and Shakhbazyan, R. K.
MULTIPLE GALAXIES AND RADIOGALAXIES.
REPT. 2. FAINT BLUE TAILS AND SATELLITES OF
THE ELLIPTICAL GALAXIES. [1963] 13p. 6 refs.
Order from OTS or SLA \$1.60 63-14900

Trans. of [Akademiya Nauk Armyanskoi SSR, Erevan.
Doklady] 1957, v. 25, no. 4 [p. 185-192].

DESCRIPTORS: *Galaxies, *Satellites, Optical proper-
ties, Continuous spectrum, Brightness, Colors,
Spectrographic analysis, Astrophysics.

(Astronomy--Astrophysics, TT, v. 10, no. 4)

63-14900

I. Ambartsumyan, V. A.
II. Shakhbazyan, R. K.
III. Title: Faint ...

Office of Technical Services

On Raising the Sensitivity of Interference Radio
Telescopes II, by G. M. Tovmasyan, 14 pp.

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No 1, 1958, pp 11-20.

SLA 59-10494

SCI - Electronics

Sep 59

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Genesis of Interstellar Neutral Hydrogen and of
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CSIRO Tr 5085

Sol - Astron

Jun 61

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Cyclic Trimerization of Phenylacetylene, by V.
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SLA 59-15626

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Vol 2, No 4

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The Mechanism of Acetylene Polymerization, by S. A.
Vartanyan et al.

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ATS RJ-1674

Sci - Chem

Jul 59

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Correlation Between the Distribution of Galactic
Carbonide and of Neutral Hydrogen, by G. Badalyan.

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Vol XXVII, No 3, 1958, pp 145-147.

OSIRO Tr 5087

Sci - Astron

Jun 61

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SWELLING PRESSURE OF COMPRESSED PINE SAPWOOD, BY
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NLL M. 6362

CSIRO 5740

SCI - BIOL

OCT 62

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Effect of Compressing Wood on Its Resistance
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Vol XXVIII, 1959, pp 183-186.

NLL Ref: 9022.093 1963 (6381) (loan)

May 64

Contribution to the Knowledge of Exceptional
Recessive Traits of Bombyx mori, by R. N.
Sarkisov.

RUSSIAN, per, Dok Ak Nauk Armysanskoy SSR, Vol
XXIX, No 3, 1959, pp 133-136. 9094874

USDA Tr A-1294

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Sci - Med

Dec 61

Bending of a Prismatic Beam Under Conditions
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Vol XXX, No 3, 1960, pp 139-149.

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FLRS Tr Log No 109

OTA 62-10711

Sci - Phys
Apr 63

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(NY-5150)

On the Dispersing Properties of a Medium in the
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Sci - Phys

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Dec 60

Creep of a Concrete Plate Subjected to
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Zadayan.

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CFSTI AT 64-19941

Aug 65

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Jun 62

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(SP-2017)

The Interaction of the Afferent Systems of the
Cerebellum, by V. V. Finardshyan, 5 pp.

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JPBS 12216

Sci - Med

Feb 62

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DETERMINATION OF THE RATE CONSTANT FOR
THE REACTION $H+CH_4 \rightarrow H_2+CH_3$ (Opredeleenie Kon-
stanty Skoroosti Reaktsii $H+CH_4 \rightarrow H_2+CH_3$). [1962]
[7]p. 8 refs.
Order from OTS or SLA \$1.10 63-15456

Trans. of Akad[emiya] Nauk Armyanskoi SSR
[Brevan]. Doklady, 1961, v. 33, no. 2, p. 49-52.

DESCRIPTORS: *Hydrogen, *Methanes,
*Formaldehyde, Ignition, Oxidation, Reaction
kinetics, Chemical equilibrium, Heat of activation.

(Chemistry--Physical, TT, v. 10, no. 6)

63-15456

I. Nalbandyan, A. B.
II. Gorban', N. I.
III. O'Callaghan, T. C.,
Associate,
Washington, D.C.

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Activity of Carbohydriase in the ~~xx~~ Soil, by
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Vol XXXII, No 2, 1961, pp 101-104.
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Apr 64

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OTS, SLA 1 ETC TT-63-24068

Sci - Biol

Feb 64

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Distribution of Neutral Hydrogen and Classical Cepheids in
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CSIRO/No 6437

Sci - Earth Sci

Feb 64

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Effect of Strophanthin on the Activity of the
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Vol XXXV, 1962, pp 177-180.

NIK 7-47-63

Sci - Biol & Med
Sep 63

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Transition Radiation from a Particle taking
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NTC 70-16935-20C

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N. M. Kocharyan, et al.
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*NASA TT F-11,801

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Oct 68

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No 3, 1963, pp 147-151. 9695258
FTD-TT-64-675

Sci - Math
Nov 64

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About a Certain Problem of the Nonlinearly
Creeping Conical Shell of Revolution, by
R. M. Kirakosyan, 9 pp.
RUSSIAN, per, Dok Ak Nauk Arm SSR, Vol XXXVII,
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FTD-TT-64-200

Sci - Phys
Oct 64

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Detection of Signals in a Stream of Pulses,
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No 2, 1964, pp 71-76. 9697353
FTD-TT-42

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Jul 65

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Oscillation of an Orthotropic Tapered S
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Jun 65

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High Level Path of High Energy Nucleons in
the Atmosphere, bu Kh. P. Babyan.
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Doklady., vol. 38, no. 2, 1964, pp. 101-104.
NTC 70-17004-20H

High Level Path of High Energy Nucleons
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RUSSIAN, per, Doklady Akad Nauk ArmSSR,
Vol 38, No 2, pp 101-104, 1964
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Nov 65

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Flutter Plates Situated in the Field
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FTD TT 65-2005

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Temperature Dependence of Frequency and Emission
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FTD-TT-65-2006

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Oct 66

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Effect of the Degree of Elongation of
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*FTD-TT-65-2007

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Jan 66

Surges of Considerable Stratospheric Temperature
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AIR/FTD/MT-24-111-68

Sci/AtmosphericSci
Feb 69

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The Reduction of the Solution of a Game of Pursuit
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Erevan, Vol 40, No 4, 1965, pp 193-196.

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Dokl.Akad.Nauk.armyan. SSR 43(1):45-50 (1966)
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Measuring the Power Characteristics of a Laser
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1966, pp 133-137.
*FTD-HT-23-1439-67

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7 pp.

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AIR/FTD/HT-23-1091-67

Sci-Physics
Nov 68

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Experimental Research on the Passage of
Light Pulses Through a Resonant Medium,
by R. B. Kostanyan, P. S. Pogosyan.
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Sci-Phys
Feb 69

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Pachadzyan.

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1967, pp. 111-114.

NLL Ref: 9091.9f (WH Trans 237)

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sept 69

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The Angular Distribution of High-Energy Electron
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1967, pp 3-7.
AIP/FTD/MT-23-1209-68

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nov 69

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NTC 72-12069-20H

AEC (BNL-tr-462) EFFECT OF MULTIPLE SCATTERING
ON THE 250 TO 600-MeV ELECTRON RADIATION IN LAMINAR
MEDIA. Arutyunyan, F. R. Translated by S. J. Amoretty
(Brookhaven National Lab., Upton, N. Y.), from Dokl. Akad. Nauk
Arm. SSR; 48: No. 1, 32-5(1969). 8p. Dep. NTIS.

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26Physics; translations 2720

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Critical Level of Groundwater That Salinizes
Soil, by V. Volobuyev.

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Vol II, No 8, 1946, pp 332-335.

CSIRO Tr 5002

Sci - Geophys

Jun 61

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A New Instrument for Measuring the Heat
Conductivity of Liquids and Vapors at High
Temperatures and Pressures, by A. K. Abas-Zade,
7 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhani SSR,
Vol III, 1947, pp 3-4

ABC Tr 3756

Sci - Engr

Oct 59

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Volobuev, V. R.
"AMELIORATIONAL" SOIL TYPES (O Meliorativnykh
Tipakh Zemel') tr. by E. Feigl. [1961] (foreign text
included) [18] p. 6 refs. [CSIRO] Trans. 5298.
Order from OTS or SLA \$1.60 61-28213

Trans. of Akademiya Nauk Azerbaidzhanakol SSR
[Baku]. Doklady, 1951, v. 7, no. 12, p. 565-570.

DESCRIPTORS: *Soils, Classification, Moisture, Hy-
drology, Salts, Erosion, USSR.

(Agriculture--Plant Cultivation, J.T., v. 6, no. 11)

61-28213

- I. Volobuev, V. R.
- II. CSIRO Trans-5298
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

180700

Office of Technical Services

Activated Silica From Serpentine as an
Adsorbent for the Separation of Aromatic
Hydrocarbons From Petroleum Fractions, by
V. S. Gutyrya.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhan SSR,
Vol X, ~~NS~~ 1954, pp 3-10.

Assoc Tech Sv RJ-219
\$13.60

Scientific - Chemistry
CTS 73/Oct 1955

Fee/s. 27,500

(FDD 26092)

The Effect of the Stimulation of the Interoceptors of
the Bladder, and Rectum on Intramuscular Pressure, by
A. I. Karayev, A. M. Mamedov, 12 pp.

AZERBAYDZHANI, mo per Dok Ak Nauk Azerbaydzhani SSR,
Vol X, No 4, Baku, 1954, pp 297-302.

CIA/FDD U-8249

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Sci - Medicine

May 56

Catalytic Dehydrogenation of the Isopentane
Fraction, by Yu. G. Mamedaliev, et al.

RUSSIAN, thrice-mo per, Dok Ak Nauk Azerbaydshan
SSR, Vol XI, No 1, 1955, pp 13-19.

Assoc Tech Sv

RJ-575

\$6.15

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Sci - Chem

Sep 57

Synthesis and Properties of Branched C₁₂-C₂₄
Paraffinic Hydrocarbons, by A. D. Petrov,
10 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydshan SSR, No 11,
1955, pp 747-754, Encl to IR-1843-56, AF01N-1A1.

AID
LF 1049829

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Sci - Chemistry, Diesel and Kerosene Fuels
Jan 57 GTS

Mamedaliev, Yu. G., Dalin, M. A., and
Shikhmamedbekova, A. Z.

CATALYTIC DEHYDROGENATION OF ISOPENTENE
TO ISOPRENE. [1963] 12p.

Order from K-H \$12.00

K-H 10010 a

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR (Baku).
Doklady, 1955, v. 11, no. 12, p. 811-817.

DESCRIPTORS: *Isoprene, *Pentenenes, Molecular struc-
ture, *Catalysts, *Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

63-17269

- I. Mamedaliev, Yu. G.
- II. Dalin, M. A.
- III. Shikhmamedbekova, A. Z.
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Library Associates,
Detroit, Mich.

Office of Technical Services

Occurrence of Instability in Normal Combustion,
by K. A. Karasharly, et al, 6 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Baku, Vol XI, No 12, 1955, pp 819-823.

SLA 59-22673

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OTS, Vol III, No 7

Nov 60

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^c
Effect of Impregnation of Wood on the Blunting of
Cutting Tools, by K. M. Khammagdov, 3 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaid SSR, Vol XI, No
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SLA R-3445

Sci

Aug 59

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Concerning One Axially Symmetric Loading of an
Elastic Half-Space, by A. A. Mustafayev, 9 pp.

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Vol XII, No 5, 1956, pp 319-324.

CIA/TDD X-3081

Sci - Phys
Oct 58

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CATALYTIC DEHYDROGENATION OF ISOPENTENES
TO ISOPRENE. [1963] 11p.
Order from K-H \$11.00

K-H 10010 b

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Boku]. Doklady, 1955, v. 12, no. 8, p. 547-552.

DESCRIPTORS: *Isoprene, *Pentenes, Molecular struc-
ture, *Catalysts, Dehydrogenation.

(Chemistry--Organic, TT, v. 10, no. 2)

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Library Associates,
Detroit, Mich.

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Kirichenko, A. N. FAUNA OF BINAGADY KIR-BEARING STRATA; TRUE HEMIPTERA. [1961] 2p. 2 refs. Order from OTS or SLA \$1.10 Trans. of <u>Akademiya Nauk Azerbaydzhanakoy SSR</u> [Baku] <u>Doklady</u>, 1936, v. 12, no. 8, p. 563-564. DESCRIPTORS: *Paleoecology, *Triatoma, *Bitumena. (Earth Sciences--Geology, TT, v. 6, no. 2)	61-14730 I. Kirichenko, A. N. II. Title: True... 169718 Office of Technical Services
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Abdullaev, G. B., Akhundov, G. A. and Aliev, M. G.
ÜBER DEN MECHANISMUS DES STARKFELDEF-
PEKTES IN p-n-ÜBERGANGEN (On the Mechanism
of the Strong Field Effect in p-n-transitions). (text in
German).

Order from T.I.B. \$1.55

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Doklady, 1956, v. 12, no. 11, p. 787-791.

DESCRIPTORS: *Mechanisms, *Transition elements.

(Physics--Solid State, TT, v. 8, no. 10)

62-27178

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ON THE DRILLING RESISTANCE OF ROCKS (O
Burimosti Porod). [1962] [6]p. (foreign text included).
Order from OTS or SLA \$1.10 62-16668

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR [Baku].
Doklady, 1957, v. 13, no. 8, p. 843-845.

DESCRIPTORS: *Rock, Mechanical properties, *Well
drilling, Drilling fluids, Clay, Density.

An analysis shows that the drilling resistance of rock
depends to a considerable degree on the conditions of
occurrence of the rock and the specific gravity of the
clay suspension used. An increase in the specific grav-
ity of the clay suspension leads to a considerable de-
crease in the mechanical rate of sinking of the well and
a relatively greater degree of wear of the bit, owing to
the fact that the bit must overcome a greater degree of
(Earth Sciences--Geology, TT, v. 9, no. 3) (over)

62-16668

I. Shamsiev, A. A.

Office of Technical Services

Akhundov, G. A. and Abdullaev, G. B.
UBER DIE DIFFUSION VON KADMIIUM UND ZINN
IN EINER Cd-Sn-LEGIERUNG. (On the Diffusion of
Cadmium and Tin in a Cd-Sn-alloy). (text in German).
Order from T. I. B. \$1.40

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
{Bakul. Doklady, 1958, v. 14, no. 2, p. 103-104.

DESCRIPTORS: Diffusion, *Cadmium, *Tin, Alloys.

(Chemistry--Physical, TT, v. 8, no. 10)

62-27187

- I. Akhundov, G. A.
- II. Abdullaev, G. B.
- III. T. I. B.
- IV. Technische Informations-
bibliothek Hannover

Office of Technical Services

62-16429

I. Kuliev, I. P.

Kuliev, I. P.
ON THE DESIGN OF OFFSHORE OIL-FIELD HYDRAU-
LIC STRUCTURES OF OPEN CONSTRUCTION ON
THE BASIS OF THE EFFECT OF SEA WAVES
(O Raschete Morskikh Neftepromyslovykh Gidrotekh-
nicheskikh Sooruzhenii Skvoznoi Konstruktsii na
Deistvie Morskikh Voln). [1962] [9]p. (foreign text in-
cluded) 3 refs.
Order from OTS or SLA \$1.10 62-16429

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR
[Baku]. Doklady, 1968, v. 14, no. 4, p. 287-290.

DESCRIPTORS: *Marine engineering, Design, Petro-
leum, Sources, *Hydraulic systems, *Structures,
Water waves.

(Mechanics--Hydraulics, TT, v. 9, no. 10)

Office of Technical Services

Structural-Group Composition of Aviation Karosenes
Obtained From the Thermal Cracking of Mazut, by
kk M.F. Nagiyev, L.I. Tryapina.

RUSSIAN, per Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XV, No 2, 1959, pp 119-123. CIA 9660740

ATIC MCL 608

Sci - Fuels

May 61

DC-4 wire

152,565

Investigation of a New Way of Extracting Oil, by
the "Thermo-Lift" Method, by M. N. Alizade,
E. A. Bagbanly, A. A. Rasulzade, D. M. Mekhtiev,
5 pp. UNCL

RUSSIAN, per, Dok Ak Nauk ⁹⁴SS Azerbaidzhanakoy SSR,
No 2, 1959, pp 131-134.

LLU Tr Bul Aug 1959

Sci - Engr

Aug 59

96,608

Maximum Value of Back Pressure on Rock Strata
Having Caving Tendencies in Drilling, by A. A.
Shamsiev,

RUSSIAN, per, Dok Ak Nauk Azerbaidzhan SSR,
Vol XV, No 8, 1959, pp 681-683.

ATS 2312-RJ

Sci - Engr

Sep 60

124,899

Determination of the Heat Capacity of Some Petrol-
eum-Base Lubricating Oils, by A. K. Abaszade,
R. A. Mustafaev.
RUSSIAN, per, Dokl Akad Nauk Azerb SSR, Vol 15,
no 9, 1959, pp 775-779.
ATS-AZ-4834

Sci
Dec 68

353,880

Trivus, N. A.
EQUILIBRIUM CONSTANTS OF LIGHT PARAFFINIC
HYDROCARBONS AND OF CO₂ IN SYSTEM PURE
GAS-PETROLEUM. 1960, 7p. 8 refs.
Order from OTS or SLA \$1.10

61-14957

Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR,
Baku. Dokl[ady] 1959, v. 13, no. 9, p. 781-786.

DESCRIPTORS: Chemical equilibrium, Hydrocarbons,
Carbon dioxide, *Petroleum, Methanes, Solubility.

An experimental determination was made of equilibrium
constants for methane and its homologs in the system
with petroleum from apsheronian deposits.

(Engineering--Chemical, TT, v. 6, no. 2)

61-14957

I. Trivus, N. A.

169712

Office of Technical Services

61-27332

I. Translations, New York

STUDY OF PRESSURES OF SATURATED VAPORS
OF COMPOUNDS OF THE TI-SE SYSTEM, USING
RADIOACTIVE ISOTOPES. [1961] [2]p.
Order from OTS or SLA \$1. 10

61-27332

Partial trans. (Summary) of Akademiya Nauk Azerb-
[aidzhanskoi] SSR, Baku. Doklady, 1959, v. 15, no. 10
p. 891-895

DESCRIPTORS: *Selenides, *Titanium compounds,
*Vapor pressure, Radioactive isotopes

(Chemistry--Physical, TT, v. 6, no. 9)

Office of Technical Services

The Effect of Bismuth Impurity on the Self-Diffusion of Stenium, by B. D. Aliyev,
G. B. Abdullayev,
RUSSIAN, per, Dok Ak Nauk Azerb SSR, Vol XV,
No 10, 1959, pp 897-899.
ATS RJ-4714

Sci-Phys
Jul 67

329,143

(DC-66/121).

On the Modern Glaciation of Bazar-Dyusi, by B. A.
Budagov, et al.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XVI, No 1, 1960, pp 29-32.

IGC, No 121

Sci - Geophys, Space Res
May 60

115,984

Heat Conduction of Indium Antimonide in a
Magnetic Field, by D. Kh. Amirkhanova
RUSSIAN, per, Akademiya Nauk Azerbaidzhanskoi SSR.
Doklady, Vol 16, No 2, 1960, pp 121-125
NTC 71-16523-20M

mar 72

Rasizade, Ya. M.
THE "WEDGE EFFECT" FOR A VISCOPLASTIC
FLUID. [1961] 3p.
Order from ATS \$6.00

ATS-59M46R

Trans. of Akademiya Nauk Azerbaydzhan[skoy] SSR
[Baku] Doklady, 1960 [v. 16] no. 5, p. 443-445.

61-22248

1. Fluid flow--Viscosity
2. Title: Wedge effect
- I. Rasizade, Ya. M.
- II. ATS-59M46R
- III. Associated Technical
Services, Inc.
East Orange, N. J.

160914

Office of Technical Services

(Mechanics--Hydrodynamics, TT, v. 5, no. 12)

Dzhallilov, K. N. and Gulamov, Kh. A.
UNSTEADY-STATE FLOW OF LIQUIDS AND GASES
TO WELLS PARTIALLY PENETRATING NONHOMO-
GENEOUS FORMATIONS. [1961] 6p.
Order from ATS \$6.75

ATS-60M46R

Trans. of Akad[emiya] Nauk Azerbaydzhan[skoy] SSR
[Baku]. Doklady, 1960, v. 16, no. 5, p. 447-451.

(Materials--Fuels, TT, v. 5, no. 12)

61-22220

1. Fluid flow--Physical factors
2. Gas flow--Physical factors
- I. Dzhallilov, K. N.
- II. Gulamov, Kh. A.
- III. ATS-60M46R
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

160901

Office of Technical Services

Abas-Zade, A. K.
CERTAIN MOLAR THERMAL PROPERTIES ON THE
LIQUID STATE. [1961] 5p.
Order from ATS \$6.00

ATS-65N49R

Trans. of Akademiya Nauk Azerbaydzhan[skoy] SSR
[Baku]. Doklady, 1960, v. 16, no. 7, p. 643-646.

61-22233

1. Liquids--Thermal properties
2. Organic compounds--Heat transfer
- I. Abas-Zade, A. K.
- II. ATS-65N49R
- III. Associated Technical Services, Inc., East Orange, N. J.

~~160907~~

Mekhtiyev, S. D. and Guseynov, M. G. TRANSFORMATION OF XYLENES INTO DINITRILES OF PHTHALIC ACIDS. [1961] 4p. Order from ATS \$5.45	61-22239
Trans. of Akademiya Nauk Azerbaydzhan [akad.] SSR [Baku]. Doklady, 1960, v. 16, no. 7, p. 655-658.	1. Xylenes--Chemical reactions 2. Cyanides--Synthesis 3. Phthalic acids--Synthesis I. Mekhtiyev, S. D. II. Guseynov, M. G. III. ATS-23N49R IV. Associated Technical Services, Inc., East Orange, N. J.
(Chemistry--Organic, TT, v. 5, no. 12)	ATS-25-2930 160906
	Office of Technical Services

Kalantarov, M. I.
USE OF IMPULSES OF HIGH TENSION IN
COTTON BREEDING. [1963] [5]p.
Order from OTS or SLA \$1.10 63-19049

Trans. of [Akademiya Nauk Azerbaidzhanской SSR,
Baku, [Doklady] 1961, v. 17, no. 1, p. 25-29.

DESCRIPTORS: *Cotton, *Seeds, *Electromagnetic
pulses, Electric potential, Growth.

It is shown that treatment of seed of cotton strain
1298 by high voltage impulses improves the quality
of fiber and raises yields and the percentage of
fiber in the cotton-wool.

(Agriculture--Plant Cultivation, TT, v. 10, no. 7)

63-19049

I. Kalantarov, M. I.

Office of Technical Services

(SF-1879)

The New Herbicide "Etherane-66), by
V. P. Volobuyev, 5 pp.

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanstoy
SSR, Vol XVII, No 4, 1961, pp 331-334.

JPRS 13472

Sci - Chem

192,417

Apr 62

Nagiev, M. F., Karamzin, P. V., and Stefanskaya, T. G.
DEVELOPMENT OF THE THEORY OF RECIRCULATION PROCESSES IN CHEMICAL TECHNOLOGY.
[1961] 8p.
Order from ATS \$8.85

ATS-66N56R

Trans. of Akademiya Nauk Azerbaidzhan[skoi] SSR
[Baku]. Doklady 1961, v. 17, no. 6, p. 471-477.

DESCRIPTORS: *Chemistry, Theory.

RJ-3301

(Chemistry, TT, v. 7, no. 5)

62-12125

- I. Title: Recirculation processes
- I. Nagiev, M. F.
- II. Karamzin, P. V.
- III. Stefanskaya, T. G.
- IV. ATS-66N56R
- V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Kerimov, Z. G.
LONGITUDINAL OSCILLATIONS IN COLUMNS OF
DRILL PIPE. [1962] 4p.
Order from ATS \$5.95

ATS-09P60R

Trans. of Akad[emiya] Nauk Azerbaidzhan[skoi] SSR
[Baku]. Doklady, 1961, v. 17, no. 8, p. 671-675.

DESCRIPTORS: *Drills, *Pipes, Oscillation,
Vibration.

(Mechanics, TTT, v. 8, no. 2)

62-17259

I. Kerimov, Z. G.
II. ATS-09P60R
III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS-RJ-3486

Office of Technical Services

Feizullaev, E. A.
THE EFFECTIVENESS OF NAFTALAN PETRO-
LEUM TREATMENT OF CHILDREN WITH SE-
QUELAE OF ACUTE SPINAL POLYIOMYELITIS.
[1962] 3p.

Order from ATS \$6.00

ATS-20P59R

Trans. of Akad[emiya] Nauk Azerbaldzhan[skoi]
SSR [Baku]. Doklady, 1961, v. 17, no. 8, p. 745-748.

DESCRIPTORS: *Drugs, Therapy, *Polioomyelitis,
*Ointments.

(Biological Sciences--Pharmacology, TT, v. 8, no. 3)

62-17291

- I. Title: Naphthalan ointment
- II. Feizullaev, E. A.
- II. ATS-20P59R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

63-22586

Mamedaliev, Yu. G., Mamedaliev, G. M., Aliev, S. M., and Guseinov, N. I.
PREPARATION OF RING-METHYLATED STYRENES, α -METHYLSTYRENES AND VINYLISOPROPENYL-BENZENE BY HETEROGENEOUS VAPOR-PHASE ALKYLATION AND DEHYDROGENATION OF AROMATIC HYDROCARBONS IN A FLUIDIZED BED OF OXIDE CATALYSTS. [1963] 6p
Order from ATS

ATS-86Q71R

Trans. of Akademiyal Nauk Azerbaidzhan[skoi] SSR
[Baku], [Doklady] [1963, v. 19, no. 1, p. 13-18.

DESCRIPTORS: *Styrenes, Methyl radicals, Vinyl radicals, Propenes, *Benzene derivatives, Vapors, Alkylation, Dehydrogenation, Fluidized solids, *Catalysts, Oxides.

(Chemistry--Organic, TT, v. 10, no. 10)

1. Title: α -Methyl styrene
2. Title: Vinyl isopropenyl benzene
1. Mamedaliev, Yu. G.
- II. Mamedaliev, G. M.
- III. Aliev, S. M.
- IV. Guseinov, N. I.
- V. ATS-86Q71R
- VI. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

63-12297

Bagdasaryan, S. S.
TEMPERATURE DEPENDENCE OF HEAT OF VA-
PORIZATION AND SURFACE TENSION OF LIQUIDS.
[1962] 5p.
Order from ATS \$6.25 ATS-98P64R

Trans. of Akad[emiya] Nauk Azerb[aidzhanskoi SSR,
Baku]. Dokl[ady] 1961, v. 17, no. 9, p. 773-777.

DESCRIPTORS: Temperature, Thermodynamics, Heat,
*Vaporization, *Surface tension, *Liquids.

(Physics--Thermodynamics, TT, v. 9, no. 2)

- I. Bagdasaryan, S. S.
- II. ATS-98P64R
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

S-121/64

On Determining Directions at an Epicenter
According to Love and Rayleigh Waves, by
Sh. S. Ragimov. (DC-10235)

RUSSIAN, per, Dok Ak Nauk Azerbaydzhanskoy SSR,
Vol XIX, No 1, 1963, pp 31-32.

*IPRS

Sci - Earth Sci & Astron
Jan 64

Degradation and Thermal Aging of Polyisoprene
Rubber, by N. M. Kocharyan.
RUSSIAN, per, Doklady Akademii Nauk SSSR
SSR, Vol 36, No 2, 1963, pp 83-87.
NASA TT F-11,801

Sci
Dec 68

371,087

Determination of the Dynamic "Stress-Strain"
Curve With an Inflection Point, by
K. A. Kerimov, 5 pp.
RUSSIAN, per, Dok Ak Nauk AzerbSSR,
Vol XIX, No 4, 1963, pp 11-16.
CIA/FDD X-6091

Sci - Phys
Feb 67

317,685

Peculiarities of the Attenuation of Energy From Shallow
Earthquake FOCI, by E. M. Demikhovskaya, V. P. Kuznetsov,
11 pp.
RUSSIAN, per, Dok Ak Nauk Azerbayd SSR, Vol XIX, No 4, 1963,
pp 37-41.

JPRS 23128

Sci-Ear Sci
Feb 64

248, 457

Use of M-talloceramic Filters in a Fluidized-
Bed Adsorption Unit, by A. M. Kulyev,
A. M. Tabatabay.
RUSSIAN, per, Dokl Ak Nauk ~~SSSR~~ SSR, Vol 19,
No 8, 1963, pp 31-35.
AEC ANL-Trans-571

Sci-Materials
J1 68

357,309

The Effect of Petroleum-Base Growth Stimulant on
the Productivity of Rice, by R. S. ~~Mamedov~~.
RUSSIAN, per, Dokl Akad. Nauk Azerb SSR, Vol 19,
No 11, 1963, pp 59-63.
ATS-AZ-4799

Sci
Dec 68

353,845

Cationic Polymerization of Nuclear-Methylated
Styrenes, α -Methylstyrenes and
Vinylisopropenylbenzenes in the Presence of TiCl_4 .
by Yu. G. Mamedaliev, S. M. Aliev, et al.
RUSSIAN, per, Dok Ak Nauk Azerbaidzhanskoi SSR
Vol XX, No 1, 1964, pp21-26.
ATS-93R77R

Apr 67

323,018